

## **AMENDMENTS TO THE SPECIFICATION**

Please amend the first paragraph on page 2 of the specification with the following replacement paragraph:

This application is related to U.S. Patent Application No. 10/679,180, entitled, "Method and apparatus for determining a position of a location dependent device," filed concurrently herewith.

Please amend the third paragraph on page 2 of the specification with the following replacement paragraph:

Attitude control motors are typically installed in various positions on a guided missile to adjust the attitude of the guided missile in flight. For example, a plurality of attitude control motors may be deployed at a plurality of locations on the guided missile. The attitude control motors may be used to change the heading of the guided missile so that the guided missile travels in a desired direction. In one embodiment, the attitude control motors may include an explosive device, such as a pyrotechnic squib, to provide a desired impulse to the guided missile. Alternatively, the attitude control motors may include an actuator that may be used to change the orientation of a flight control surface.

Please amend the paragraph at line 23 on page 9 of the specification with the following replacement paragraph:

Alternatively, the circuit 225 may include a circuit element 325 deployed intermediate the first electrical contact 330 and a second electrical contact 335, as shown in the embodiment illustrated in Figure 3C. In various embodiments, the circuit element 325 may include a resistor, a capacitor, a voltage reference circuit, and the like. For example, the circuit element 325 may

include a trace having a selected length and/or cross-section. **[[In]]** A length and/or cross-section may be selected so that the trace provides a selected resistance between the first electrical contact 330 and the second electrical contact 335. When installed, the attitude control motor may use the first and second electrical contacts 330, 335 and the circuit element 325 to determine the physical location of the attitude control motor. For example, the attitude control motor may be capable of detecting the resistance of the circuit element 325 and using the resistance of the circuit element 325 to determine the physical location of the attitude control motor. For example, a resistance of  $1\Omega$  may indicate a first position and a resistance of  $2\Omega$  may indicate a second position.